Table AWM-1.--Agricultural Waste Management

(The information in this table indicates the dominant soil condition but does not eliminate the need for onsite investigation. The numbers in the value columns range from 0.01 to 1.00. The larger the value, the greater the limitation. See text for further explanation of ratings in this table.)

Print date: 12/10/2003

± ±	Pct. of map unit	manure and food- processing was		Application of sewage sludge 	Disposal of wastewater by irrigation 	ater	
	 	Rating class and limiting features		Rating class and limiting features		Rating class and limiting features	
BrE: Bethesda	 60 	 Very limited Slope 	 1.00	 Very limited Slope 	1 1 1 1 1 1 1 1 1 1	surface	1 1.00
	 	 Dense layer 	 1.00 	 Too acid 	 1.00 	application Too steep for sprinkler application	11.00
	 		0.73 0.54		0.54 0.50	Too acid	11.00
	 	Restricted permeability	0.50		 	Restricted permeability	0.50
Other soils	25	Not Rated	 	Not Rated	 	 Not Rated 	
Rock outcrop	1 15	 Not Rated 	 	 Not Rated 	 	 Not Rated 	
BuC: Buchanan	1100		 1.00	 Very limited Restricted	 1.00	 Very limited Restricted	1.00
	 	saturated zone	0.95	l	 1.00 	I	11.00
	 	Droughty 	0.88 	Depth to saturated zone 	0.95 	Too steep for surface application	1.00
		Ī	0.73 	1	0.88	saturated zone	0.95
	 	Depth to cemented pan 	0.68 	Depth to cemented pan 	0.68 	Droughty 	0.88
BuD: Buchanan	 100 	-	 1.00	•	 1.00	'	1.00
		Restricted permeability 	 1.00 	permeability Slope 	 1.00 	permeability Too steep for surface application	11.00
	 	Depth to saturated zone	0.95 	Too acid 	1.00 		11.00
	 	i i	0.88 0.73	saturated zone	0.95 0.88	Too acid Depth to	1.00 0.95
Cn:		 	 	 	 	saturated zone 	
Chagrin	95	Somewhat limited		 Very limited		 Somewhat limited	

| | Flooding | 0.60 | Flooding | 1.00 | Flooding | 0.60 | Table AWM-1.--Agricultural Waste Management--Continued

Map symbol and soil name	Pct. of map unit	manure and food- processing waste		Application of sewage sludge 		Disposal of wastewater by irrigation 	
		Rating class and limiting features		Rating class and limiting features		Rating class and limiting features	Value
Holly	- 5	 Not Rated		 Not Rated 	 	 Not Rated	
DAM: Dam	- 100	 Not Rated		 Not Rated	 	 Not Rated	
GaC: Gilpin	 - 100	 Somewhat limited		 Very limited		 Very limited	
	 	Too acid 	0.73 	Low adsorption 	1.00 	Too steep for surface application	1.00
	i	Droughty	0.68	Too acid	11.00		11.00
	 	Slope	0.63		0.68		0.78
		Restricted permeability	0.50	Slope 	0.63	= =	0.68
		Depth to bedrock 	0.46 	Restricted permeability	0.50 	Restricted permeability	0.50
GaD: Gilpin	100	 Very limited	 	 Very limited	; 	 Very limited	
		Slope 	1.00 	Low adsorption 	1.00	Too steep for surface application	11.00
	 	Too acid 	0.73	Slope 	11.00	= =	11.00
			0.68 0.50		11.00	Too acid	11.00
	İ	Depth to bedrock	0.46	Restricted permeability	0.50	Restricted permeability	0.50
GaE: Gilpin	·- 100			 Very limited		 Very limited	
	 	Slope 	1.00 	Low adsorption 	1.00 	Too steep for surface application	1.00
		Too acid 	0.73 	Slope 	1.00 	Too steep for sprinkler application	11.00
	İ	Droughty Restricted	0.68		11.00	Too acid	11.00
		permeability Depth to bedrock 	0.46	 Restricted permeability 	0.50	 Restricted permeability 	0.50
GaF:			1				1
Gilpin	- 100 	Very limited Slope 	 1.00 	Very limited Low adsorption 	 1.00 	Very limited Too steep for surface	11.00
		 Too acid 	 0.73	 Slope 	11.00	application	11.00
	i		1		1	application	İ
	1	Droughty	0.68	Too acid	11.00	= =	11.00
	1	Restricted	0.50	Droughty	0.68	Droughty	0.68

Map symbol	 Pct.	 Application of		 Application		 Disposal of		
± ±	of	= =		of sewage sludge		wastewater		
	map	processing was	processing waste			by irrigation		
	lunit	[<u> </u>		
			177.7		177-7 -		177.7	
	1	=		Rating class and		=	Value	
	1	limiting features	l I	limiting features	 	limiting features	1	
	'	'	'	'	¦	'	'	
	i	Depth to bedrock	0.46	Restricted	0.50	 Restricted	0.50	
	İ	i İ	I	permeability	i	permeability	i	
		[I		1		
GDF:		I		I		I		
Gilpin	60	-		Very limited		Very limited		
		Slope	11.00	Low adsorption	1.00	•	1.00	
				1		surface		
	1	 Droughty	 0.82	Slope	11 00	application Too steep for	11.00	
	 	l Dioughty	0.02 	l probe	1	sprinkler	1 . 00	
	İ	 	İ	İ	i i	application	<u>'</u>	
	İ	Too acid	0.73	Too acid	11.00	= =	11.00	
	j		0.53		0.82		0.82	
		Restricted	0.50	Restricted	0.50	Restricted	0.50	
		permeability		permeability		permeability		
		!				!		
Dekalb	25	-		Very limited		Very limited		
		Slope	1.00	Low adsorption	1.00	· •	1.00	
	1	 	l I	1	1	surface application	1	
		Droughty	11.00	Slope	11.00		11.00	
	İ	Droughey	1	1	1	sprinkler		
	j	İ	I	İ	į	application	i	
		Filtering	1.00	Droughty	1.00	Droughty	1.00	
		capacity		1		I		
		Too Stony	0.53		1.00		1.00	
				capacity		capacity		
			0.50	Too acid	0.99	Too acid	0.99	
	1	permeability	 	1	1	 	1	
Other soils	ı I 15	I Not Rated	l I	Not Rated	 	 Not Rated	1	
Cener Solis	1 10	l	' 		i i	l	<u>'</u>	
GuC:	İ	İ	İ	I	i	i İ	i	
Gilpin	55	Somewhat limited		Very limited		Very limited		
		Too acid	0.73	Low adsorption	1.00	Too steep for	1.00	
		I		I		surface		
		l Barata		l man and d	11 00	application		
	1		0.63		10.68		1.00 0.78	
	l I	l 210be	10.03	Droughty	10.00	Too steep for sprinkler	10.70	
	İ	 	' 	1	i i	application	<u>'</u>	
	İ	Restricted	0.50	Slope	0.63	Droughty	0.68	
	j	permeability		1	İ	i I	İ	
		Depth to bedrock	0.46	Restricted	0.50	Restricted	10.50	
		I		permeability		permeability		
TT and a		177 711- 7		177 1''- 1		177 1111		
Upshur	35	Very limited	11 00	Very limited		Very limited	11 00	
	 	Restricted permeability	11.00	Restricted permeability	1.00	Restricted permeability	11.00	
	l I		0.63	Too acid	10.77	Too steep for	11.00	
	i I		, 			surface		
			İ	· 	İ	application	İ	
		Runoff limitation	0.40	Slope	0.63	Too steep for	0.78	
						sprinkler		
		<u> </u>		<u> </u>		application		
			0.23	Droughty	0.23	Too acid	10.77	
	I	Too acid	0.22	I	I	Droughty	0.23	

Table AWM-1.--Agricultural Waste Management--Continued

Map symbol and soil name	Pct. of map unit	manure and food: processing was:	-	Application of sewage sludg	Disposal of wastewater by irrigation 	ı	
		Rating class and limiting features		Rating class and limiting features		Rating class and limiting features	Value
Other soils	1 10	 Not Rated	 	 Not Rated		 Not Rated	
GuD: Gilpin	55	. =	 1.00	 Very limited Low adsorption	1 1.00	 Very limited Too steep for surface	1 1.00
	 	 Too acid 	 0.73 	 Slope 	11.00	application	11.00
		Droughty	0.68	Too acid	11.00		11.00
	İ	. 2 4	0.50		10.68	•	10.68
	İ	permeability	, 3.30 	Droughey		Diougney	1
		Depth to bedrock	0.46	Restricted permeability	0.50	Restricted permeability	0.50
Upshur	30	=	11.00	Very limited Restricted permeability		Very limited Restricted permeability	11.00
		Restricted permeability	1.00		11.00		1.00
		Runoff limitation	 0.40 	Too acid	0.77	Too steep for sprinkler	1.00
			0.23	. 3 =	0.23	application Too acid Droughty	0.77
Other soils	1 15	 Not Rated 	 	 Not Rated 		 Not Rated 	
GuE:	İ	İ	ĺ	İ	İ	İ	İ
Gilpin	55 		 1.00 	Very limited Low adsorption 	11.00	Very limited Too steep for surface application	11.00
		 Too acid 	 0.73 	Slope 	11.00		1.00
	 	Restricted	0.68		11.00		11.00
	 	permeability Depth to bedrock 	 0.46 	Restricted permeability	 0.50 	 Restricted permeability	 0.50
Upshur	 30 	 Very limited Slope	 1.00	 Very limited Restricted	 1.00	 Very limited Restricted	 1.00
	 	 Restricted	11.00	permeability	11.00	permeability Too steep for surface	11.00
		permeability Runoff limitation 	 0.40 	 Too acid 	 0.77 	application Too steep for sprinkler	1 1.00
	 		 0.23 0.22	 Droughty 	 0.23 	application Too acid Droughty	 0.77 0.23
Other soils	 15	 Not Rated	 	 Not Rated		 Not Rated	

Table AWM-1.--Agricultural Waste Management--Continued

Map symbol and soil name	Pct. of map unit	manure and food processing was		Application of sewage sludg	re	Disposal of wastewater by irrigation				
	 	Rating class and limiting features 		Rating class and limiting features 		Rating class and limiting features	Value			
GwF3:			 							
Gilpin	50 	•	 1.00 	 Very limited Low adsorption 	11.00	 Very limited Too steep for surface application	11.00			
		Too acid	0.73 	Slope 	11.00	Too steep for sprinkler application	11.00			
	İ	Droughty	0.68	Too acid	11.00	Too acid	11.00			
		Restricted permeability	0.50	Droughty	0.68	Droughty	0.68			
		Depth to bedrock	0.46	Restricted permeability	0.50	Restricted permeability	0.50			
Upshur	35	•	 1.00	'		 Very limited Restricted	1 1.00			
		 Restricted permeability	 1.00 	permeability Slope 	11.00	permeability Too steep for surface	11.00			
	 	 Runoff limitation 	 0.40 	 Too acid 	 0.77 	application Too steep for sprinkler	11.00			
		. 3 =	 0.23 0.22		0.23	application Too acid Droughty	 0.77 0.23			
Other soils	1 15	 Not Rated	 	 Not Rated		 Not Rated				
Ha:		 		1		1	1			
Hackers	100 		 0.11 	 Somewhat limited Too acid Flooding	0.42	 Somewhat limited Too acid 	0.42			
JaE:					į					
Janelew		•	 1.00 	Very limited Slope 	11.00	Very limited Too steep for surface application	11.00			
	 	 Dense layer 	 1.00 	 		Too steep for sprinkler application	11.00			
Lh:	1	1		l		l	1			
Lobdell	45 	'	 0.68	Very limited Flooding	11.00	Somewhat limited Depth to	 0.68			
	 	saturated zone	 0.60	 Depth to saturated zone	0.68	saturated zone	10.60			
		 Too acid	0.02	'	0.07	 Too acid	0.07			
Other soils	30	 Not Rated	 	 Not Rated	 	 Not Rated	 			
Holly	l l 25	 Very limited	 	 Very limited		 Very limited				
		Depth to saturated zone	1.00 	Depth to saturated zone	1.00 	Depth to saturated zone	1.00 			
	ļ.		0.70		1.00		0.60			

and soil name	Pct. of map unit	manure and food: processing was:	-	Application of sewage sludg	е	Disposal of wastewater by irrigation 		
	 	Rating class and limiting features		Rating class and limiting features 		Rating class and limiting features 	Value	
MoB: Monongahela	 100 100 1 1 1 1 1	Depth to saturated zone Restricted permeability	 0.95 0.81 0.50 	Too acid Depth to saturated zone	 1	Depth to saturated zone	 1.00 0.95 0.81 0.68	
Ms: Moshannon	 100 			 Very limited Flooding	1 1.00	 Somewhat limited Flooding	10.60	
Po: Pope	 100 	Too acid			11.00		11.00	
Sn: Senecaville	 95 	Depth to saturated zone	 0.95 0.60	İ	 1.00 0.95	saturated zone	 0.95 0.60	
		 Too acid	0.11	saturated zone Too acid	0.42	 Too acid	0.42	
Holly	 5 	 Not Rated 	 	 Not Rated 	 	 Not Rated 	 	
Su: Sensabaugh	 95 			 Very limited Flooding		 Somewhat limited Flooding	 0.60	
Holly	 5 	 Not Rated 	 	 Not Rated 		 Not Rated 	 	
Uf: Udorthents	 100 	 Not Rated 	 	 Not Rated 		 Not Rated 	 	
Ur: Udorthents	 50	 Not Rated	 	 Not Rated		 Not Rated		
Urban land	50 	 Not Rated 	 	 Not Rated 		 Not Rated 	 	
VaC: Vandalia	 100 	Restricted permeability	0.81 	 	0.91	surface application	11.00	
	 	Slope Runoff limitation	0.63 0.40	permeability	0.81 0.63	İ	0.91 0.81	
	 	Ī	 0.32 			permeability Too steep for sprinkler application	0.78	

Table AWM-1.--Agricultural Waste Management--Continued

						I	
and soil name	Pct. of map unit	manure and food processing was	_	Application of sewage sludge 		Disposal of wastewater by irrigation	
	 	 Rating class and limiting features 		 Rating class and limiting features 		 Rating class and limiting features 	Value
VaD: Vandalia	 100 	•	 1.00	 Very limited Slope 	 1.00	 Very limited Too steep for surface	 1.00
	 	Restricted permeability	 0.81	 Too acid 	0.91	sprinkler	11.00
	 	 Runoff limitation 	 0.40 	 Restricted permeability	0.81	application Too acid 	0.91
		Too acid 	0.32 	 	 	Restricted permeability 	0.81
VaE: Vandalia	 100 	. =	 1.00 	 Very limited Slope 	11.00	 Very limited Too steep for surface application	1 1.00
		Restricted permeability	0.81	Too acid 	0.91		1.00
	 	 Runoff limitation 	į	 Restricted permeability	0.81	Too acid	0.91
	 	Too acid 	0.32 	 	 	Restricted permeability 	0.81
W: Water	 100 	 Not Rated 	 	 Not Rated 	 	 Not Rated 	
WuE3: Westmoreland	 50 	' 1	 1.00 	 Very limited Slope 	 1.00	surface	 1.00
		 Too acid 	 0.32 	 Too acid 	0.91	application Too steep for sprinkler application	11.00
		 Droughty 	0.01	 Droughty 	0.01		0.91
Upshur	35	 Very limited Slope 	11.00	 Very limited Restricted permeability	11.00	 Very limited Restricted permeability	11.00
	 	Restricted permeability	1.00		1.00		11.00
		Runoff limitation	0.40	 Too acid 	0.77	Too steep for sprinkler	1.00
			0.23	 Droughty 	0.23	application Too acid Droughty	0.77
Other soils	1 15	 Not Rated 	 	 Not Rated 	 	 Not Rated 	
- 	.l	l	l	l	.	l	.